

**Practice**

For use with pages 357–361

**n Exercises 1–6, use the given information to find the new price.**

1. Wholesale price: \$5  
Markup percent: 125%
2. Wholesale price: \$92  
Markup percent: 45%
3. Wholesale price: \$210  
Markup percent: 30%
4. Original price: \$33  
Discount percent: 20%
5. Original price: \$76  
Discount percent: 35%
6. Original price: \$106  
Discount percent: 70%
7. A video game is on sale for 15% off the retail price of \$45. A store is having a sale on all video games, providing an additional 20% off of all sale prices. What is the new sale price of the video game?

**In Exercises 8–15, use the given information to find the total cost.**

8. Original price: \$16  
Sales tax: 6%
9. Original price: \$28  
Sales tax: 4.5%
10. Original price: \$49  
Sales tax: 7%
11. Original price: \$82  
Sales tax: 5.5%
12. Food bill: \$55  
Sales tax: 8%  
Tip: 18%
13. Food bill: \$68  
Sales tax: 3%  
Tip: 20%

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- 14.** Food bill: \$80.40  
Sales tax: 5%  
Tip: 10%

- 15.** Food bill: \$30  
Sales tax: 5.5%  
Tip: 15%

- 16.** A shoe store is having a sale on sneakers. You want to buy a pair of sneakers that originally cost \$75. The sales tax is 4% and it will be applied to the sale price of the sneakers. What is the total cost of the sneakers?



- 17.** The food bill for your breakfast is \$16.85. You leave a 10% tip. The sales tax is 5%. What is the total cost, to the nearest cent, of your meal?

**In Exercises 18–21, use the given information to find the original price.**

- 18.** Retail price: \$99  
Markup percent: 80%

- 19.** Retail price: \$67.60  
Markup percent: 150%

- 20.** Sale price: \$32.45  
Discount percent: 45%

- 21.** Sale price: \$48.79  
Discount percent: 15%